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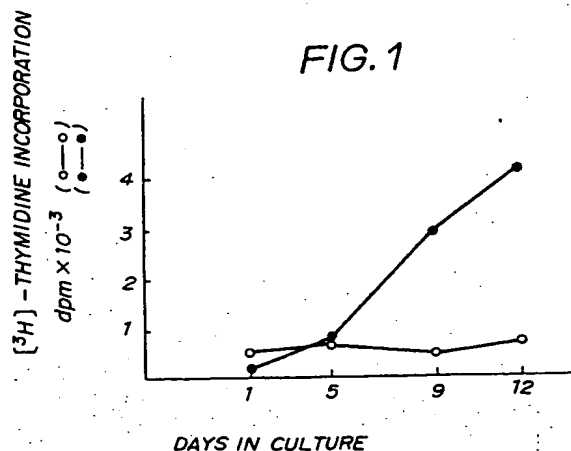
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03.06.92 Bulletin 92/23(71) Applicant: **JAPAN ANTIBIOTICS RESEARCH ASSOCIATION**
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Tokyo, 141(JP)(72) Inventor: **Okabe, Tetsuro**
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Potts, Kerr & Co. 15, Hamilton Square
Birkenhead Merseyside L41 6BR(GB)(54) **Human monocyte growth factor.**

(57) A novel growth factor, human monocyte growth factor, stimulating proliferation and differentiation of human peripheral blood monocyte. The factor is a protein produced from human lung cancer cell line and having M.W. of about 21,000. The activity of the factor is heat-sensitive, trypsin-sensitive, chymotrypsin-sensitive, and destroyed by 2-mercaptoethanol. A purification process of the factor is also provided.

**EP 0 426 458 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 90 31 1941

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	JOURNAL OF CELLULAR BIOCHEMISTRY vol. 40, no. 1, 1 May 1989, NEW YORK pages 193 - 199; S M WAHL ET AL.: 'role of growth factors in inflammation and repair' *the whole document*	1-6	C07K15/06 C07K3/28 C12N5/08
P,X	CANCER RESEARCH vol. 50, 1 July 1990, PHILADELPHIA, PA, US pages 38863 - 3865; T OKABE ET AL.: 'a human monocyte growth factor produced by lung cancer cells' *teh whole document*	1-6	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C07K C12N
The present search report has been drawn up for all claims			
Place of search THE HAGUE	Date of completion of the search 13 APRIL 1992	Examiner masturz	
CATEGORY F CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons * : member of the same patent family, corresponding document			